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41	1		USPAT	2002/03/22 12:40
42	1		USPAT	2002/03/22 12:40
73	218	361/790.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:24
74	1		USPAT	2002/03/22 13:03
75	1		USPAT	2002/03/22 13:03
76	1		USPAT	2002/03/22 13:03
77	1	("5434745").PN.	USPAT	2002/03/22 13:21
78	281	361/829.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:28
79	281	361/829.ccls. not 361/790.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:24
80	44	361/793.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:33
81	508181	Chip anf ring and carrier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:35
82	933	257/718.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:36
83	422	257/718.ccls. and (chip or package)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:37

84	0	257/777.ccls and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:57
85	0	257/777.ccls and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:38
86	108	257/777.ccls. and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:51
87	1	interposing adj (heat adj sink)	IBM TDB	2002/03/22 13:53
88	23	interpos\$ adj (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:54
89	172	257/686.ccls. and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:07
90	124	((heat adk sink) near chip) and stack	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:09
91	41	((heat adj sink) near chip) and stack	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:15
92	933	257/718.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
93	599	257/719.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
94	1799	257/712.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
95	839	257/722.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
96	879	257/668.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
97	1267	257/723.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
98	205	257/723.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:22

99	0	257/7686.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:22
100	42	257/785.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:22
101	48	257/685.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:26
102	1	("5726492").PN.	USPAT	2002/03/22 14:25
103	158	257/666.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:26
104	28	257/790.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:26

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179	343	257/777.ccls. and (heat or thermal) and chip	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 21:23
180	646	257/777.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 21:23
181	303	257/777.ccls. not (257/777.ccls. and (heat or thermal) and chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:01
182	839	257/722.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:01
183	249	257/722.ccls. and chip	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:36
184	16647	(carrier with chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:39
185	4593	((carrier with chip)) and (ring or frame)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:40
186	128952	257/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:41
187	2573	257/\$.ccls. and ((carrier with chip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:42
188	1248	(257/\$.ccls. and ((carrier with chip))) and (trace or pattern)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/21 22:45
189	1		USPAT	2002/03/21 23:00
190	1		USPAT	2002/03/21 23:02

84	0	257/777.ccls and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:57
85	0	257/777.ccls and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:38
86	108	257/777.ccls. and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:51
87	1	interposing adj (heat adj sink)	IBM TDB	2002/03/22 13:53
88	23	interpos\$ adj (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 13:54
89	172	257/686.ccls. and (heat adj (dissipation or sink))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:07
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92	933	257/718.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
93	599	257/719.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
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96	879	257/668.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
97	1267	257/723.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:16
98	205	257/723.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:22

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100	42	257/785.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:22
101	48	257/685.ccls.and (heat adj sink)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 14:26
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105	1	("5130771").PN.	USPAT	2002/03/22 15:25
106	222	257/721.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 15:53
107	404763	(vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:46
108	27206	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and (package or chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 15:59
109	3946	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and (package and chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 15:59
110	13047	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and (package or chip)) and (pattern or cool or heat)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:00
111	2770	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and (package and chip)) and (pattern or cool or heat)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:00
112	1959	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and (package and chip)) and pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:03
113	7276	((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring)) and 257/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:42

114	128952	257/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:43
115	121676	257/\$.ccls. not ((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:45
116	26275	(257/\$.ccls. not ((vent or aperature or Hole or gap or space or channel) with (spacer or frame or carrier or ring))) and chip	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:45
117	3471	361/\$.ccls. and ((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 16:47
118	865	(361/\$.ccls. and ((vent or aperature or hole or gap or space or channel) with (spacer or frame or carrier or ring))) and chip	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/22 17:07
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130	1		USPAT	2002/03/22 17:13
131	1		USPAT	2002/03/22 17:14